

## ECS Configuration Change Request

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Page(s)

<b>1. Originator</b> Francell Gray	<b>2. Log Date:</b> 4/22/03	<b>3. CCR #:</b> 03-0290	<b>4. Rev:</b> —	<b>5. Tel:</b> (301)925-0969	<b>6. Rm #:</b> 3035A	<b>7. Dept.</b> RDEV
<b>8. CCR Title:</b> Install MIPSpro 7.3.1.3 compilers, ProDev ver 2.9.2 and related patches in the VATC						
<b>9. Originator Signature/Date</b> Francell Gray /s/ 04/23/03			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 2003-04-30	
<b>13. Office Manager Signature/Date</b> Louis Swentek /s/ 04/23/03			<b>14. Category of Change:</b> Other		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Routine	
<b>16. Documentation/Drawings Impacted</b> (Review and submit checklist): 910-TDA-003, 910-TDA-005, 910-TDA-023, 920-TDV-002			<b>17. Schedule Impact:</b> N/A		<b>18. CI(s) Affected:</b>	
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> N/A		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: ECS COTS Deployment Plan, Vol 7 (335-CD-007-001) P3 Task: DVICTXT398, DSMGTX467						
<b>23. Problem: (use additional Sheets if necessary)</b> The current C++ compiler for IRIX , MIPSpro ver 7.3.1.2, has reached end of support date. Only versions 7.3.1.3 and 7.4 will be actively patched by SGI. However, we cannot move to 7.4 since Roguewave libraries are not certified for that compiler. Version 7.3.1.3 must be evaluated in the VATC before delivery to the customer.						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Install MIPSpro, ProDev, and related runtime patches on t1spg03.						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> None						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> We would have to use some other machines for the compiler upgrade, or forego testing the compiler in the VATC as per the standard COTS upgrade process.						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b>						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>	<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> Byron V. Peters /s/ 04/23/03			<b>Disposition:</b> <span style="border: 1px solid red; color: red;">Approved</span> App/Com. Disapproved <span style="border: 1px solid red; color: red;">Withdraw</span> Fwd/ESDIS ERB Fwd/ECS Byron V. Peters /s/ 5/4/03			
<b>33. M&amp;O CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			